

Title (en)

Method and system for facilitating color balance synchronization between a plurality of video cameras as well as method and system for obtaining object tracking between two or more video cameras

Title (de)

Verfahren und System zur Erleichterung der Farbausgleichssynchronisation zwischen mehreren Videokameras und Verfahren und System zum Erhalten einer Gegenstandsnachverfolgung zwischen zwei oder mehr Videokameras

Title (fr)

Procédé et système pour faciliter la synchronisation de l'équilibre des couleurs entre une pluralité de caméras vidéo et procédé et système pour obtenir le suivi d'objets entre deux caméras vidéo ou plus

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Application

EP 11174494 A 20110719

Priority

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Abstract (en)

[origin: EP2549759A1] The present invention relates to a method for facilitating color balance synchronization between a plurality of video cameras (10a, 10b, 10c) within a system of video cameras The method comprises: detecting an object in a video sequence captured by a video camera (10a, 10b, 10c) in the system; determining an object color histogram for the detected object; updating a camera specific reference color histogram using said determined object color histogram; and determining one or more camera specific color histogram compensation coefficients by comparing the camera specific reference color histogram with a system reference color histogram. The present invention further relates to a system for facilitating color balance synchronization between a plurality of video cameras as well as a video camera (10) being connectable to a network of video cameras for facilitating color balance synchronization between a plurality of video cameras.

IPC 8 full level

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